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Order from SA $19.00 SA Code-P71

Trans. of published Japanese patent 6747/1962, cl. 26-D-6, appl. no. 35,066/1959, 7 Nov 59, pub. 2 July 62, by Teikoku Jinzo-kenshi Co., Ltd.

DESCRIPTORS: *Fibers (Synthetic), *Polyester plastics, Manufacturing methods, *Benzoates, Alkoxy radicals, *Phthalic acids, Butenes, Methyl radicals, Phthalic anhydride, Glycols, Ethylenes, Carboxylic acids, Phenyl radicals, Phosphites, Sulfones, Naphthalenes, Zinc compounds, Calcium compounds, Manganese compounds, Lead compounds, Acetates, Antimony compounds, Oxides.

(Materials--Textiles, TT, v. 10, no. 4)

63-17693

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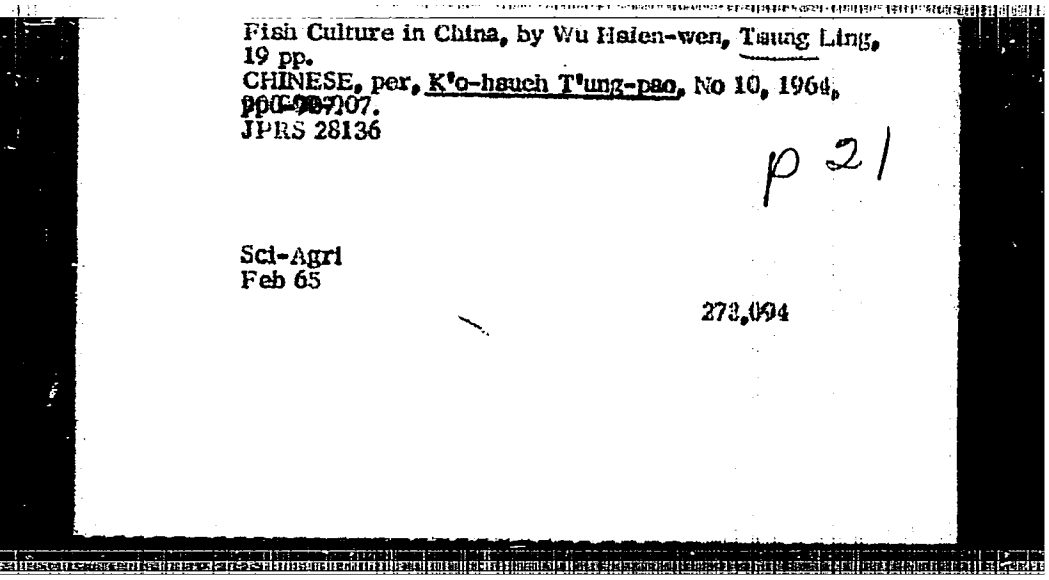

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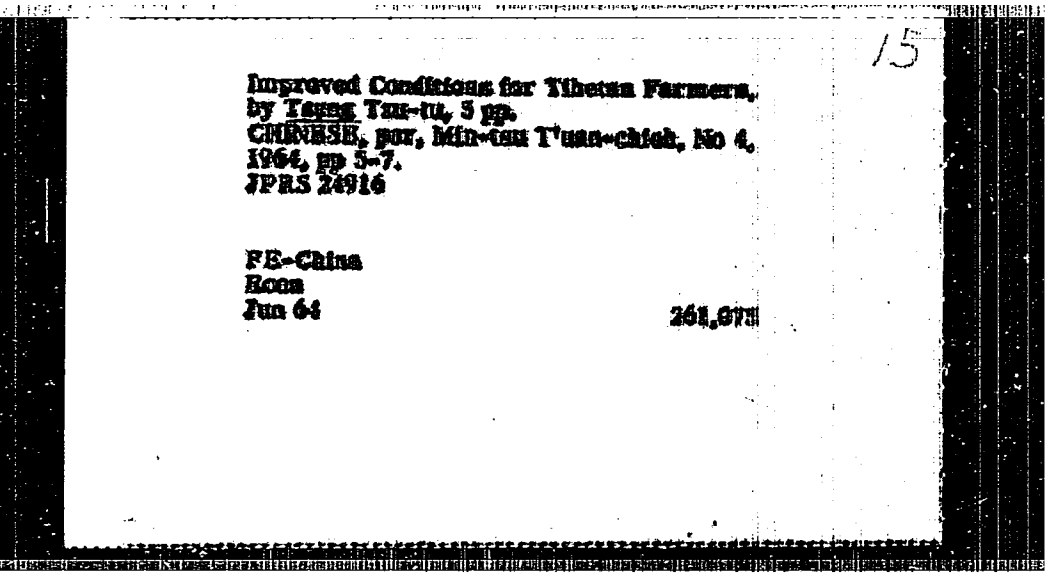

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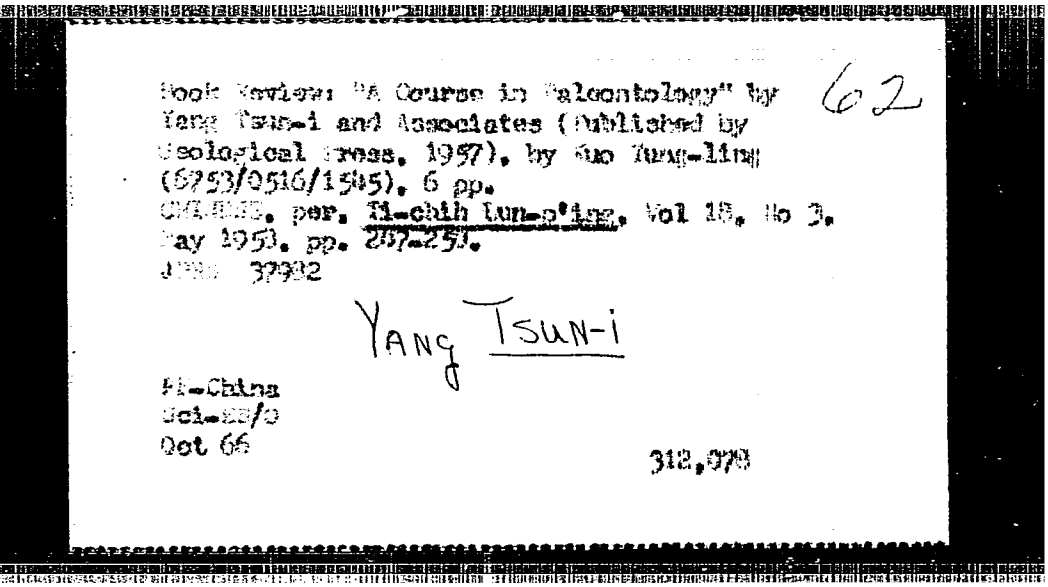

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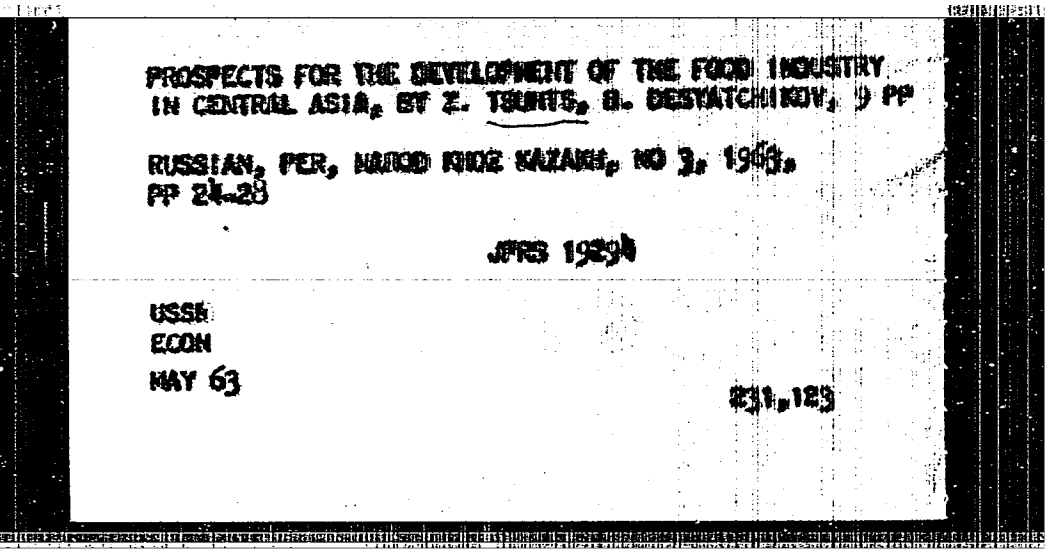

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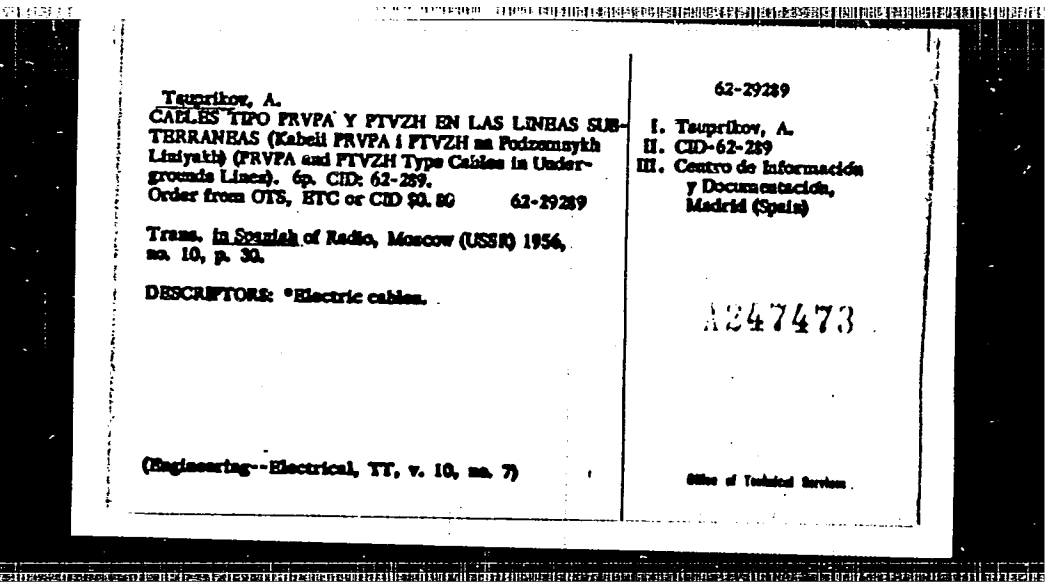

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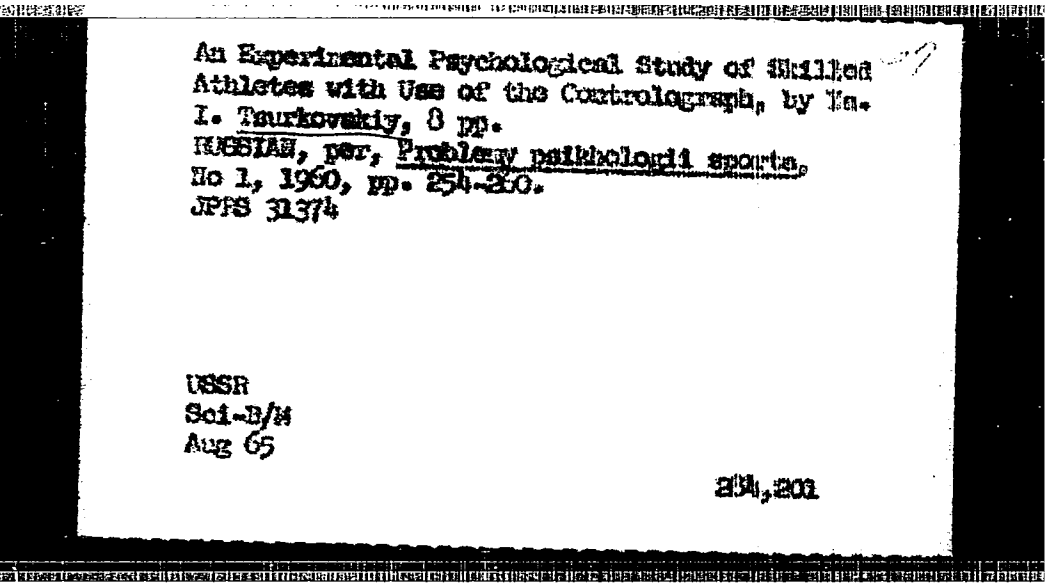

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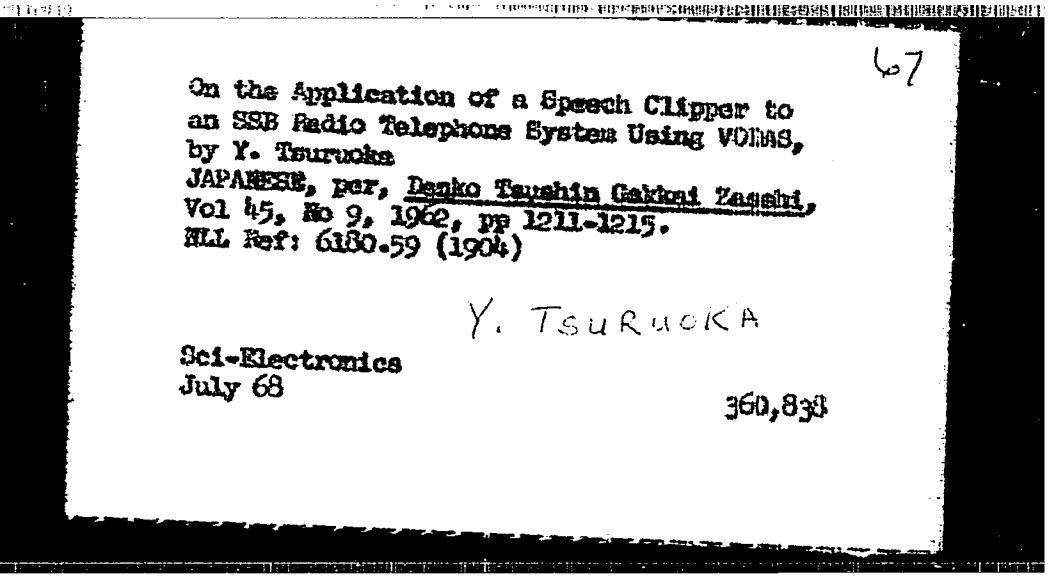

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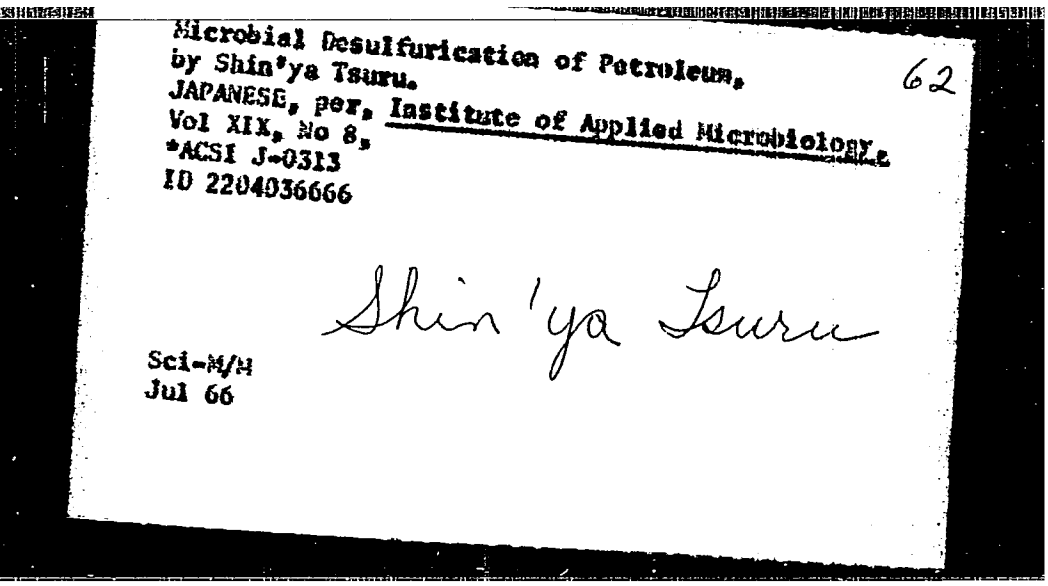

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsurumoto, Tamon.
SMELTING OF COPPER ORES AND CONCENTRATES BY CONVERTER, USING OXYGEN-ENRICHED AIR AT HITACHI MINES. [1961] [58]p.
Order from SLA $5.60 61-10739

Trans. of Nihon Kogyo Kaishi (Japan) 1960, v. 76, no. 861, p. 179-195.

DESCRIPTORS: *Copper ores, Processing, Oxygen, Metallurgy, Ores.

The oxygen-enriched air smelting of copper in a converter has reduced smelting costs, improved the yield of gold, silver and copper, and made for effective utilization of iron and sulphur from the Copper ore.

(Metallurgy, TT, v. 6, no. 1)

61-10739

I. Tsurumoto, T.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsurmoto, Tamon.
INVESTIGATION OF COPPER SMELTING USING OXYGEN-ENRICHED AIR. [1961] [22]p.
Order from SLA $2.60 61-10738

Trans. of [Nihon Kogyo Kaishi] (Japan) 1959, v. 75, no. 858, p. 1105-1112.

DESCRIPTORS: *Copper, *Ores, Processing, *Smelting, Oxygen.

An industrially feasible process for smelting copper ores using oxygen-enriched air and a Pierce-Smith type converter is described. A summary is given of tests carried out at the Saganoseki smelting works in Japan during the years 1952 to 1954.

(Metallurgy, TT, v. 6, no. 3)

61-10738

1. Tsurmoto, T.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

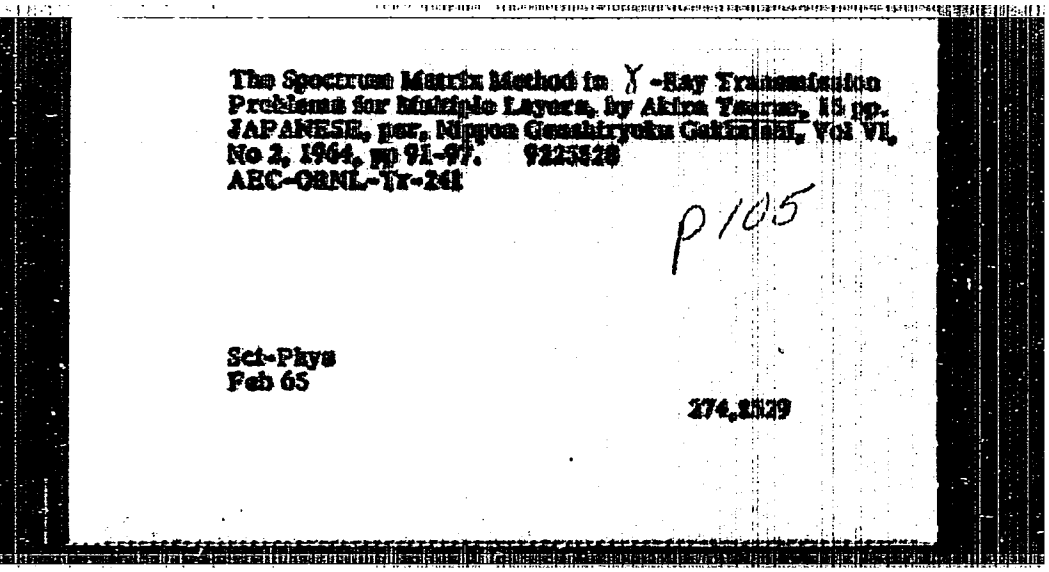
The Spectrum Matrix Method in γ Ray Transmission Problems for Multiple Layers, by A. Tsurug, 12 pp. JAPANESE, per, Nihon Genshi-Ryoku Gakkaishi, Vol VI, No 2, 1964, pp 91-97. 9229797
AEC-NP-Tr-1217

Sci-Phys
May 65

280,227

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



The Spectrum Matrix Method in γ-Ray Transmission Problems for Multiple Layers, by Akira Tsuruo, 15 pp. JAPANESE, per. Nippon Genshiryoku Gakkaishi, Vol VI, No 2, 1964, pp 91-97. 9225428
AEC-ORNL-Tr-241

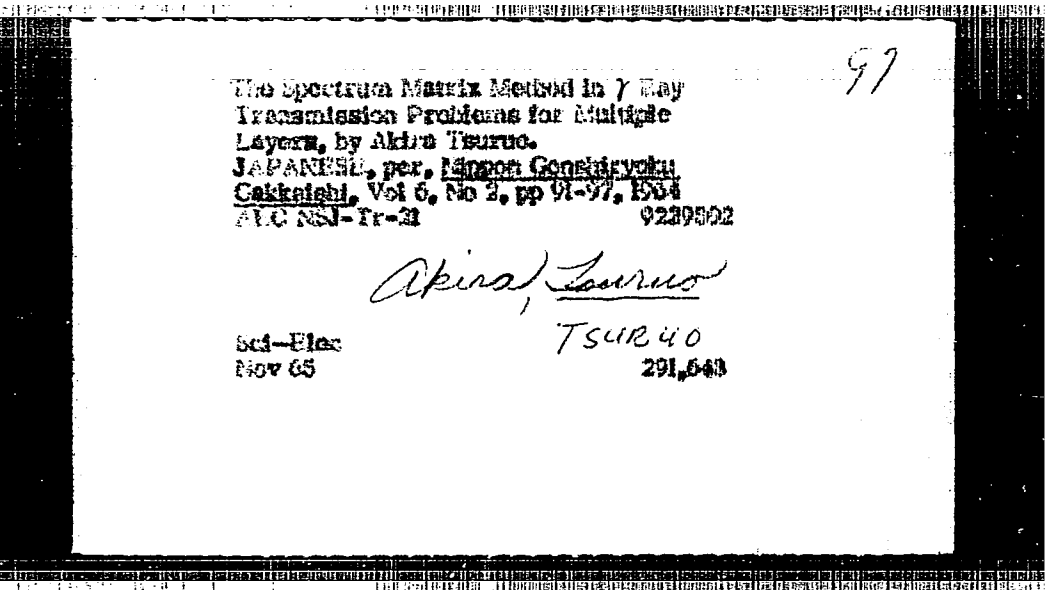
p 105

Sci-Phys
Feb 65

274,2529

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



91

The Spectrum Matrix Method in γ Ray Transmission Problems for Multiple Layers, by Akira Tsuruo. JAPANESE, per, Nippon Genshiryoku Gakkaishi, Vol 6, No 2, pp 91-97, 1964
AEC NSJ-Tr-31 9239502

Akira Tsuruo

Sci-Elec
Nov 65

TSUR 40
291,643

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Joint Toxic Action of Mixtures of Malathion with Dimethoate and Dibrom on Adults of the Common House Fly, Musca Domestica Vicina, by S. Nagasawa, Y. Tsuruoka.

JAPANESE, per, Botyu Kagaku, Vol XXVII, No 3, 1962, pp 78-81.

GB/52

Sci-Biol
July 63

236,310

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

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Diagnostic Application of Ultrasound, by
M. D. Gurevich, D. I. Tmurupa, 5 pp.

RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XIX'
No 2, 1964.

JPRS 24682

Sci
May 64

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

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THE USE OF ULTRASOUND IN DIAGNOSING SOME SURGICAL ILLNESSES, BY D. I. TSURUPA, 9 PP.

RUSSIAN, PER, VEST KHIRURGII, VOL LIIIIX, NOO 9, SEP 1962, PP 63-69.

JPRS 16863

SCI - MED

JAN 63

218,704

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

GORBUNOV, N. YE.

TZURUPA, YE. G.

5

The Minimum Quantities, Detectable From X-Ray Diffraction Patterns, of Crystalline Substances in Mixtures With Amorphous Substances.

RUSSIAN, Dok Ak Nauk SSSR, Vol LXV, No 1, 1949.

pp 81-84.

Sci Museum Lib
50/1227

A-3417

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsuruta, Arao, Osamu Hirano, and Akiyoshi Kataoka. 1962

Experimental trawling in the northwestern Bering Sea.

Journal of the Shimonoseki College of Fisheries, 11(3): 391-398. In Japanese, with English synopsis.
(Biol. Abst. #440, vol. 40, no. 1, Oct. 1, 1962).

Translation, June 1962, 4p., processed avail. International North Pacific Fisheries Commission, 6640 N. W. Marine Drive, Vancouver 8, British Columbia. Loan - Bur. Comm. Fisheries, Biol. Lab., Seattle, Wash.

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Copolymer of Caprolactam and the Oxidation Product of Polyethylene Glyco Glycol, by M. Tsuruta, F. Kobayashi, K. Matsutani, 6 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXII, No 9, 1959, pp 1089-1091.

ATS-37M39J

Sci
Vol IV, No 2
Mar 62

182,889

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Copolymer of Caprolactam, Polyethylene Glycol and Sebacic Acid, by M. Tsuruta, F. Kobayashi, K. Matsutani, 7 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXII, No 9, 1959, pp 1087-1089.

ATS-37439J

Sci
Vol IV, No 2
Mar 62

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Steam and Heat Setting of Nylon 6 Fibres. V. The Effect of Heat Treating Nylon 6 Fibres on the Variations of its Dyeing Properties and Fine Structure, by M. Tsuruta, A Koshino.

JAPANESE, per Kobunshi Kagaku 1959, Vol. 16, No. 168, 1959, pp 274-280

HLL/5828.4 1965 (5665)

M. TSURUTA

Sai -
Aug 67

338-508

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Steam and Heat Setting of Nylon 6 Fibres, by
M. Tsuruta, A Koshimo.
JAPANESE, per, Kobunshi Kagaku, Vol. 16, No.168,
1959, pp 274-280
GV/112/TR/479

M. TSURUTA

Sci -
Aug 67

337-090

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

62-14971

Tsuruta, Motohiro, Kuroki, Norihiko, and Nishio, Michiyuki.
[RESEARCHES] ON POLYVINYL CYANOETHYL ETHER. I. ITS SYNTHETIS METHOD, AND SEVERAL PROPERTIES. [1962] 7p. 4 refs.
Order from SLA $1.10 62-14971

Trans. of Kobunshi Kagaku (Japan) 1950, v. 7, [no. 4] p. 129-131.

DESCRIPTORS: *Polymers, Copolymerization, *Vinyl radicals, *Cyano radicals, *Ethyl ethers, Synthesis, Mechanical properties, Vinyl alcohol, Alcohols.

(Chemistry--Organic, TT, v. 8, no. 7)

I. Tsurta, M.
II. Kuroki, N.
III. Nishio, M.
IV. Title: Synthetis...

C222985

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsuruta, Teiji.
NEW CATALYSTS IN HIGH POLYMER SYNTHESIS.
May 62 [14]p. 31 refs.
Order from SA $18.00 SA Code-39

Trans. of [Kagaku Kogyo (Japan) 1960, v. 11, no. 10, p. 937-942.

DESCRIPTORS: *Polymers, Polymerization, Synthesis, *Catalysts, Catalysis, Ethylenes, Synthetic rubber, Vinyl radicals, Vinyl Chlorides, Semiconductors, Acetaldehydes, Aldehydes.

(Chemistry--Organic, TT, v. 8, no. 3)

62-17064

I. Title: Ziegler catalysts.
I. Tsuruta, T.
II. SA Code-39
III. Seizaburo Aoki (Japan)

212055

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Copolymer of Caprolactam and Poly-Ethylene Glycol, by M. Tsuruta, F. Kobayashi, K. Matsutani, 8 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXII, No 8, 1959, pp 1084-1087.

ATS-36M39J

Sci
Vol IV, No 2
Mar 62

188,888

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Relationship Between Heat-Setting and Swelling, by Motohiro Tsuruta, Akio Koshimo, Takashi Tagawa, 12 p.

JAPANESE, per, Kobunshi Kagaku, 1959, Vol XVI, No 170, pp 333-336.

SLA 60-10447

Sci
Apr 60
Vol III, No 3

112,017

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Studies of High Polymers With a Thermobalance. I. Some Vinyl Polymers, Crude Rubber and Rubber Hydrochloride, by S. Tsuruta, et al.

JAPANESE, per, J. Chem Soc Japan, Ind Chem Sect, Vol LIV, 1951, pp 524, 525.

ATS JJ-2052

Sci - Chem
Dec 59

104,051

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Studies of High Polymers With a Thermobalance. IV. Relation Between the Mean Degree of Polymerization and Stability of Polyvinyl Chloride, by S. Tsuruta, et al.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect, Vol LV, 1952, pp 397, 398.

ATS JJ-2053

Sci - Chem
Dec 59

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsuruta, Shiro.
ON THE COMPOSITION LINE. Rept. no. 1 of Studies on Aniline-Formaldehyde Resins; [Paper read at the Annual Conference of the Chemical Society of Japan (no. 65) Apr 43]. [1961] 8p. (refs. omitted).
Order from SLA mi$1.80, ph$1.80 61-10604

Trans. of Nihon Kagaku Zasshi (Japan) 1951, v. 72, no. 1, p. 101-104.

DESCRIPTORS: *Aniline-formaldehyde resins, Chemical analysis, Condensation reactions, Polymerization

Aniline-formaldehyde resins were synthesized and analyses were made of their carbon, hydrogen, and nitrogen composition. A curve of the composition line of percent aldehyde (CH_2O) versus the aniline/formaldehyde ratio showed the mechanism of resin formation to be based on addition-condensation reactions as depicted by $C_6H_5NH_2 + CH_2O \rightarrow C_6H_5NHCH_2OH$ and $C_6H_5NHCH_2OH + xC_5H_5NHCH_2OH + C_6H_5NH_2$
(Materials--Plastics, TT. v. 6. no. 4) (over)

61-10604

I. Tsuruta, S.
II. Title: Studies...
III. Title: Annual...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsuruta, Shiro.
ON THE METHYLOL RADICALS AND RING STRUCTURE OF THE RESIN. Rept. no. 2 of Studies on Aniline-Formaldehyde Resins. [Paper] read at the Annual Conference of the Chemical Society of Japan (no. 65) Apr 43. [1961] [8]p. 10 refs.
Order from SLA mi$1.80, ph$1.80 61-10606

Trans. of Nihon Kagaku Zasshi (Japan) 1951, v. 72, no. 1, p. 104-107.

DESCRIPTORS: *Aniline-formaldehyde resins, Molecular structure, Polymerization, Condensation reactions.

The oxygen component of aniline-formaldehyde resins was calculated. Resins formed with an excess of formaldehyde showed greater oxygen content and indicated the formation of a methylol compound according to the reactions (1) $C_6H_5NH_2 + CH_2O \longrightarrow C_6H_5NHCH_2OH$; and (2) $C_6H_5NHCH_2OH + xC_6H_5NHCH_2OH \rightarrow C_6H_5NH$

(Materials--Plastics, TT, v. 6, no. 4) (over)

61-10606

I. Tsuruta, S.
II. Title: Studies...
III. Title: Annual...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Melting Point of Oxalic Acid Glycol, by Shiro Tsuruta, Yasuo Suzuki, 2 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXIX, No 4/6, 1948, pp 56-57.

SLA 60-14012

Sci
Sep 61

169, 116

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Tsuruta, T., Yoshikawa, C. and Oda, R.
ÉTUDE SUR LES DÉRIVÉS DES ALKANES I. SYNTHÈSE DES CHLOROMÉTYL-ALKANES (Derivatives of Alkanes. I. Synthesis of Chloromethyl Alkanes). 10p. 3refs. CNRS-VIII bis 298.
Order from OTS, ETC or CNRS $0.80 TT-62-28132

Trans. in French of Kogyo Kagaku Zasshi (Japan), 1951, v.54, p.431-433.

DESCRIPTORS: *Hydrocarbons, Aliphatic compounds, Chemical reactions, *Formaldehyde, *Hydrochloric acid, Chlorides, Methyl radicals.

(Chemistry--Organic, TT, v. 11, no. 7)

TT-62-28132

I. Tsuruta, T.
II. Yoshikawa, C.
III. Oda, R.
IV. CNRS-VIII bis 298
V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Polymerization Reactions of Butadiene and Some Vinyl Compounds with Binary Mixtures of Trialkylboron and Metal Halides, by Junji Furukawa, Teiji Tsuruta, et al, 22 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXI, No 8, 1958, pp 1046-1050.

SLA 59-15500

Sci
Dec 59
Vol 2, No 4

102, 728

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Vinyl Polymerization by Organoboron Compounds -- Cocatalytic Action of Oxygen and Oxygen Compounds, by Junji Furukawa, Teiji Tsuruta, et al, 28 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol. LXI, No 6, 1958, pp 728-734.

SLA 59-15495

Sci - Chemistry
Nov 59

103,279

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Reactivity of Organometallic Compounds in Polymerization Reaction--Consideration Based Upon the Periodic Table, by Junji Furukawa, Teiji Tsuruta, et al, 25 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXI, No 6, 1958, pp 723-728.

SLA 59-15496

Sci
Dec 59
Vol 2, No 4

102,729

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Vinyl Polymerization by Organoboron Compounds -- Cocatalytic Action of Oxygen and Oxygen Compounds, by Junji Furukawa, Teiji Tsuruta, et al, 28 pp.

JAPANESE, per; Kogyo Kagaku Zasshi, Vol LXI, No 6, 1958, pp 728-734.

SLA 59-15495

Sci - Chem
Dec 59
Vol 2, No 4

102, 787

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

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On the Characteristics of a Centriclone, by Y. Mori, R. Aoki, A. Saito, T. Tsushima, M. Mokue, 19 pp.

JAPANESE, per, Chemical Engineering, Vol XXII, 1958, pp 7-15.

ARC 3342

Sci - Engr

Oct 58

74,603

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

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The History of Anatomy in Japan During the Tokugawa Period, by T. Tsusaki, 20 pp.

JAPANESE, per, Keizyo J. Med, Vol X, No 2, 1939, pp 66-76.

SLA Tr. 57-1639

S.L.A. Tr 1901

Sci - Medicine, physiology
Apr 57

47, 372

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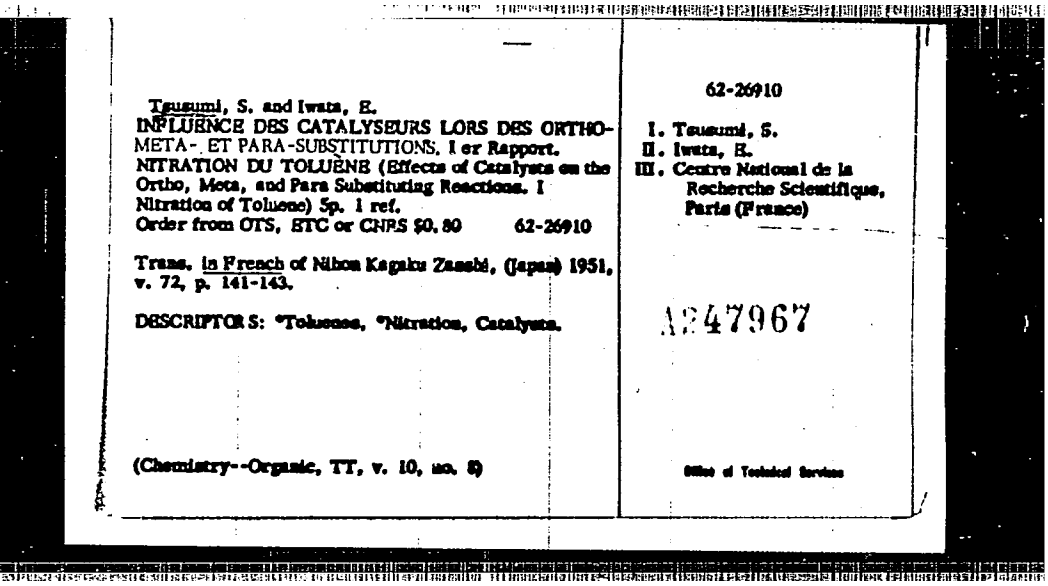
APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



Tsuzumi, S. and Iwata, E.
INFLUENCE DES CATALYSEURS LORS DES ORTHO-META-, ET PARA-SUBSTITUTIONS. I er Rapport. NITRATION DU TOLUÈNE (Effects of Catalysts on the Ortho, Meta, and Para Substituting Reactions. I Nitration of Toluene) 5p. 1 ref.
Order from OTS, BTC or CNRS $0.50 62-26910

Trans. in French of Nihon Kagaku Zasshi, (Japan) 1951, v. 72, p. 141-143.

DESCRIPTORS: *Toluenes, *Nitration, Catalysts.

(Chemistry--Organic, TT, v. 10, no. 5)

62-26910

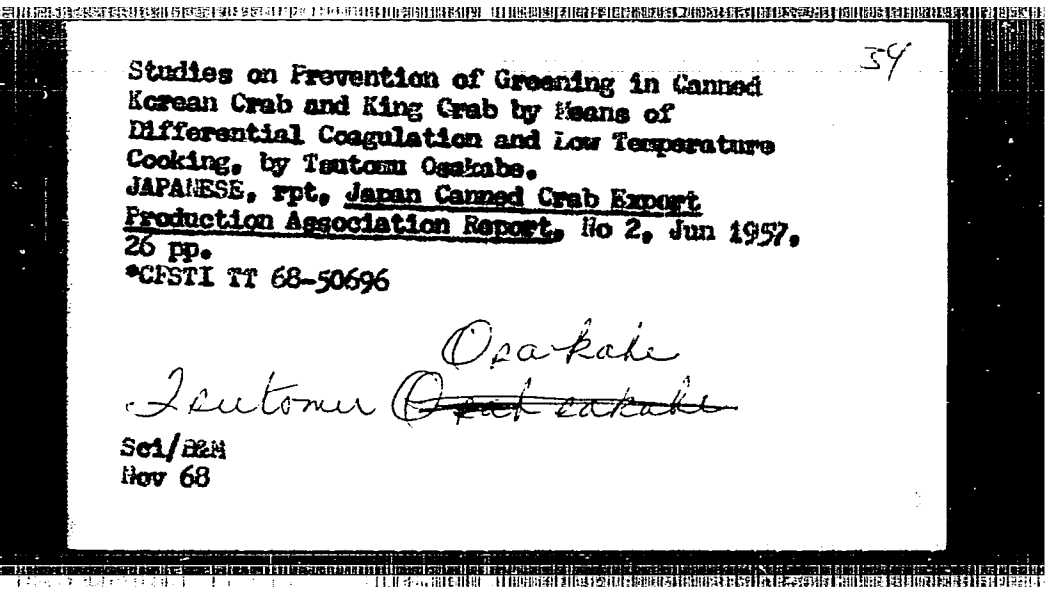
I. Tsuzumi, S.
II. Iwata, E.
III. Centre National de la Recherche Scientifique, Paris (France)

A247967

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



Studies on Prevention of Greening in Canned Korean Crab and King Crab by Means of Differential Coagulation and Low Temperature Cooking, by Tsutomu Osakabe.
JAPANESE, rpt, Japan Canned Crab Export Production Association Report, No 2, Jun 1957, 26 pp.
*CFSTI TT 68-50696

Osakabe
Tsutomu ~~Osakabe~~

Sci/B2H
Nov 68

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

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Studies on Prevention of Greening in Canned Crab by Differential Coagulation and Low Temperature Cooking. by Tsutomu Osakabe. JAPANESE. rpt. Japan Canned Crab Export Production Association Report. No 3. Nov 1957. 28 pp.
*CFSTI TT 68-50697

Tsutomu Osakabe

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Nov 68

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Studies on Prevention of Greening in Canned Korean Crab by Means of Differential Coagulation and Low Temperature Cooking. by Tsutomu Osakabe. JAPANESE, rpt, Japan Canned Crab Export Production Association Report, No 1, Mar 1957. 37 pp.
*CFSTI TT 68-50695

Tsutomu Osakabe

Sci/E&M
Nov 68

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Structure of Yubari Coal as Observed From Properties of Its Bitumen and Pseudo-Bitumen, by Tsutomu, Sakabe, Inoye, Katsuya, 38 pp.

JAPANESE, per, Nenryo Kyokai-Shi, Vol XXXII, No 319, pp 610-630.

SLA 59-16355

Sci

Jun 60

118,322

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00